

ABSTRACT

EFFECTIVENESS MODEL OF STUDENT TEAM ACHIEVEMENT DIVISIONS ON ELEMENT MACHINE LEARNING IN SMK TAMTAMA KROYA

By:
Wahyudi
NIM. 07503244024

This research aimed to: (1) examine student learning outcomes of element machine subject using of speech's method, (2) examine student learning outcomes of element machine subject using of type STAD, (3) examine the effectiveness of type STAD in element machine subject, (4) examine different of student learning outcomes control class and experiment class.

The method used in this research is method of research experiment type of quasi experiment. This research was conducted at SMK Tamtama Kroya Cilacap with class X machine 2 (X TP2) as an experiment class, and class X machine 1 as a control class. Class X TP2 as a class are being subjected to experiment using method of study of cooperative learning type STAD in learning activity, while class X TP1 as a class control remain to use method of speech's method in learning activity.

The results of this research are: (1) student learning outcomes control class using speech's method get average value (mean) 72,8, modus 73, median 73, highest value 85 and lowest value 63. (2) Student learning outcomes experiment class using STAD type get average value (mean) 81, modus 85, median 85, highest value 100 and lowest value 70. (3) Learning of STAD type effectively on the element machine subject, it can be thought from the activity of student experiment class's active better than control class, (4) there is difference significant of student learning outcomes between control class and experiment class, it can be thought from the difference average value of experiment higher than average control class. So that, it is could STAD type more effective than speech's method.

Key words: STAD, Effectiveness, Element machine